

# TEST REPORT n° 135888/06

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**Customer** ERM ITALIA Srl  
**Address** Via San Gregorio, 38  
20154 Milano  
**Project/Contract** 0051052 - 3F  
**Matrix Type** Soil  
**Date received** 21-lug-06  
**Customer Sample ID** BH 13 (1,0) **Type N**  
**Laboratory Sample ID** 02 / 21038  
**Test Report date of issue** 08-set-06  
**Sampling Date** 20-lug-06  
**Sampling Procedure** Sampling activity carried out by the Customer  
**Notes**

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method
0 fraction sieved 2 mm dry basis at 105°C	57	%	26/07/2006 - 26/07/2006		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1
<b>Residues</b>					
0 residue at 105°C as total	89,9	%	25/07/2006 - 26/07/2006		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984
<b>Metals</b>					
0 arsenic as total and on dry basis at 105°C	9,37 ± 2,3	mg/Kg	26/07/2006 - 26/07/2006	0,032	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 cadmium as total and on dry basis at 105°C	<0,0028	mg/Kg	26/07/2006 - 26/07/2006	0,0028	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium as total and on dry basis at 105°C	19,5 ± 4,9	mg/Kg	26/07/2006 - 26/07/2006	0,028	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 mercury as total and on dry basis at 105°C	0,33 ± 0,083	mg/Kg	26/07/2006 - 26/07/2006	0,026	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 nickel as total and on dry basis at 105°C	12,6 ± 3,1	mg/Kg	26/07/2006 - 26/07/2006	0,067	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 lead as total and on dry basis at 105°C	44,1 ± 11,0	mg/Kg	26/07/2006 - 26/07/2006	0,037	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 copper as total and on dry basis at 105°C	85,2 ± 21,0	mg/Kg	26/07/2006 - 26/07/2006	0,074	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 zinc as total and on dry basis at 105°C	102 ± 26,0	mg/Kg	26/07/2006 - 26/07/2006	0,13	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium (VI) as total and on dry basis at 105°C	0,125 ± 0,038	mg/Kg	26/07/2006 - 26/07/2006	0,0098	EPA 7199 Rev 0 1996 IC EPA 3060A 1996

Compound Name	Amount and MU	UM	Date		MDL	Test Method Technique Prep Method
			Prep	Anal		
# pentaerythrite as total and on dry basis at 105°C	1,22 ± 0,24	mg/Kg	28/07/2006	- 03/08/2006	0,012	SXLC001/05 LC/MS SXLC001/05
# melamine as total and on dry basis at 105°C	0,0446 ± 0,013	mg/Kg	31/07/2006	- 02/08/2006	0,015	SXLC003/04 LC/MS SXLC003/04
# hexametenetetramine as total and on dry basis at 105°C	<0,006	mg/Kg	31/07/2006	- 02/08/2006	0,006	SXLC006/05 LC/MS SXLC006/05
0 acetaldehyde as total and on dry basis at 105°C	0,0044 ± 0,0013	mg/Kg	02/08/2006	- 02/08/2006	0,000049	EPA 8315A 1996 LC/DAD EPA 8315A 1996
0 formaldehyde as total and on dry basis at 105°C	0,0185 ± 0,0055	mg/Kg	02/08/2006	- 02/08/2006	0,00018	EPA 8315A 1996 LC/DAD EPA 8315A 1996
<b>HC Compounds</b>						
0 HC >C12 <C40 as total and on dry basis at 105°C	393 ± 120,0	mg/Kg	26/07/2006	- 28/07/2006	2,7	EPA 8015D 2003 GC/FID EPA 3550C 2000
0 TPH < C12 as total and on dry basis at 105°C	<0,073	mg/Kg	26/07/2006	- 27/07/2006	0,073	EPA 8015D 2003 GC/MS EPA 5035A 2002
<b>PAHs</b>						
0 - total PAHs as total and on dry basis at 105°C	1,12 ± 0,34	mg/Kg	-----	- 26/07/2006	0,034	EPA 8270D 1998 GC/MS
0 benzo[a]anthracene as total and on dry basis at 105°C	0,0897 ± 0,027	mg/Kg	26/07/2006	- 26/07/2006	0,032	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[a]pyrene as total and on dry basis at 105°C	0,165 ± 0,05	mg/Kg	26/07/2006	- 26/07/2006	0,022	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[b]fluoranthene as total and on dry basis at 105°C	0,0907 ± 0,027	mg/Kg	26/07/2006	- 26/07/2006	0,02	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	0,202 ± 0,061	mg/Kg	26/07/2006	- 26/07/2006	0,024	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[k]fluoranthene as total and on dry basis at 105°C	0,0902 ± 0,027	mg/Kg	26/07/2006	- 26/07/2006	0,029	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 chrysene as total and on dry basis at 105°C	0,1 ± 0,03	mg/Kg	26/07/2006	- 26/07/2006	0,021	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	<0,031	mg/Kg	26/07/2006	- 26/07/2006	0,031	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	0,0681 ± 0,02	mg/Kg	26/07/2006	- 26/07/2006	0,029	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	<0,023	mg/Kg	26/07/2006	- 26/07/2006	0,023	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,i)pyrene as total and on dry basis at 105°C	<0,034	mg/Kg	26/07/2006	- 26/07/2006	0,034	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,l)pyrene as total and on dry basis at 105°C	<0,019	mg/Kg	26/07/2006	- 26/07/2006	0,019	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	0,177 ± 0,053	mg/Kg	26/07/2006	- 26/07/2006	0,023	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 pyrene as total and on dry basis at 105°C	0,137 ± 0,041	mg/Kg	26/07/2006	- 26/07/2006	0,029	EPA 8270D 1998 GC/MS EPA 3550C 2000

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**Test Report End**

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Parameters flagged with # have been carried out using test methods which are not included in the accredited tests list submitted to the Italian Accreditation Body SINAL. Accredited parameters are flagged with a number designating the category for which they have been accredited for by the Italian Accreditation Body SINAL.

For the accredited test, run in compliance with the modality described in the Accreditation itself, SINAL guarantees:

the competence of the personnel, the availability of suitable instrumentation, and the compliance of the test to the recalled Test Method or Procedure.

"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

**Technical Manager****Laboratory Manager**  


## TEST REPORT n° 135890/06

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**Customer** ERM ITALIA Srl  
**Address** Via San Gregorio, 38  
 20154 Milano  
**Project/Contract** 0051052 - 3F  
**Matrix Type** Soil  
**Date received** 21-lug-06  
**Customer Sample ID** BH 8 (1,2) **Type N**  
**Laboratory Sample ID** 04 / 21038  
**Test Report date of issue** 08-set-06  
**Sampling Date** 20-lug-06  
**Sampling Procedure** Sampling activity carried out by the Customer  
**Notes**

Compound Name	Amount and MU	UM	Date Prep	Date Anal	MDL	Test Method Technique Prep Method
0 fraction sieved 2 mm dry basis at 105°C	62,1	%	26/07/2006	26/07/2006		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1
<b>Residues</b>						
0 residue at 105°C as total	85,6	%	25/07/2006	26/07/2006		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984
<b>Metals</b>						
0 arsenic as total and on dry basis at 105°C	3,41 ± 0,85	mg/Kg	26/07/2006	26/07/2006	0,034	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 cadmium as total and on dry basis at 105°C	<0,003	mg/Kg	26/07/2006	26/07/2006	0,003	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium as total and on dry basis at 105°C	96,1 ± 24,0	mg/Kg	26/07/2006	26/07/2006	0,03	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 mercury as total and on dry basis at 105°C	0,112 ± 0,028	mg/Kg	26/07/2006	26/07/2006	0,028	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 nickel as total and on dry basis at 105°C	7,51 ± 1,9	mg/Kg	26/07/2006	26/07/2006	0,073	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 lead as total and on dry basis at 105°C	17 ± 4,3	mg/Kg	26/07/2006	26/07/2006	0,04	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 copper as total and on dry basis at 105°C	13,4 ± 3,3	mg/Kg	26/07/2006	26/07/2006	0,08	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 zinc as total and on dry basis at 105°C	84,2 ± 21,0	mg/Kg	26/07/2006	26/07/2006	0,14	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium (VI) as total and on dry basis at 105°C	3,13 ± 0,94	mg/Kg	26/07/2006	26/07/2006	0,011	EPA 7199 Rev 0 1996 IC EPA 3060A 1996

Compound Name	Amount and MU	UM	Date		MDL	Test Method Technique Prep Method
			Prep	Anal		
# pentaerythrite as total and on dry basis at 105°C	0,184 ± 0,037	mg/Kg	28/07/2006	03/08/2006	0,014	SXLC001/05 LC/MS SXLC001/05
# melamine as total and on dry basis at 105°C	0,0644 ± 0,019	mg/Kg	31/07/2006	02/08/2006	0,017	SXLC003/04 LC/MS SXLC003/04
# hexametenetetramine as total and on dry basis at 105°C	<0,0068	mg/Kg	31/07/2006	02/08/2006	0,0068	SXLC006/05 LC/MS SXLC006/05
0 acetaldehyde as total and on dry basis at 105°C	0,00271 ± 0,00081	mg/Kg	02/08/2006	02/08/2006	0,000055	EPA 8315A 1996 LC/DAD EPA 8315A 1996
0 formaldehyde as total and on dry basis at 105°C	0,00885 ± 0,0027	mg/Kg	02/08/2006	02/08/2006	0,0002	EPA 8315A 1996 LC/DAD EPA 8315A 1996
<b>HC Compounds</b>						
0 HC >C12 <C40 as total and on dry basis at 105°C	<2,5	mg/Kg	26/07/2006	27/07/2006	2,5	EPA 8015D 2003 GC/FID EPA 3550C 2000
0 TPH < C12 as total and on dry basis at 105°C	<0,086	mg/Kg	26/07/2006	27/07/2006	0,086	EPA 8015D 2003 GC/MS EPA 5035A 2002
<b>PAHs</b>						
0 - total PAHs as total and on dry basis at 105°C	0,0286 ± 0,0086	mg/Kg	-----	27/07/2006	0,0051	EPA 8270D 1998 GC/MS
0 benzo[a]anthracene as total and on dry basis at 105°C	<0,0048	mg/Kg	26/07/2006	27/07/2006	0,0048	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[a]pyrene as total and on dry basis at 105°C	<0,0033	mg/Kg	26/07/2006	27/07/2006	0,0033	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[b]fluoranthene as total and on dry basis at 105°C	0,0091 ± 0,0027	mg/Kg	26/07/2006	27/07/2006	0,0031	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	<0,0036	mg/Kg	26/07/2006	27/07/2006	0,0036	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[k]fluoranthene as total and on dry basis at 105°C	0,00934 ± 0,0028	mg/Kg	26/07/2006	27/07/2006	0,0044	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 chrysene as total and on dry basis at 105°C	<0,0031	mg/Kg	26/07/2006	27/07/2006	0,0031	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	<0,0047	mg/Kg	26/07/2006	27/07/2006	0,0047	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	<0,0044	mg/Kg	26/07/2006	27/07/2006	0,0044	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	0,0102 ± 0,003	mg/Kg	26/07/2006	27/07/2006	0,0035	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,i)pyrene as total and on dry basis at 105°C	<0,0051	mg/Kg	26/07/2006	27/07/2006	0,0051	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,l)pyrene as total and on dry basis at 105°C	<0,0029	mg/Kg	26/07/2006	27/07/2006	0,0029	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	<0,0034	mg/Kg	26/07/2006	27/07/2006	0,0034	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 pyrene as total and on dry basis at 105°C	<0,0044	mg/Kg	26/07/2006	27/07/2006	0,0044	EPA 8270D 1998 GC/MS EPA 3550C 2000

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**Test Report End**

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"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

**Technical Manager****Laboratory Manager**  


## TEST REPORT n° 135891/06

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**Customer** ERM ITALIA Srl  
**Address** Via San Gregorio, 38  
20154 Milano  
**Project/Contract** 0051052 - 3F  
**Matrix Type** Soil  
**Date received** 21-lug-06  
**Customer Sample ID** MW 6 (1,0) **Type N**  
**Laboratory Sample ID** 05 / 21038  
**Test Report date of issue** 08-set-06  
**Sampling Date** 20-lug-06  
**Sampling Procedure** Sampling activity carried out by the Customer  
**Notes**

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method
0 fraction sieved 2 mm dry basis at 105°C	22,3	%	26/07/2006 - 26/07/2006		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1
<b>Residues</b>					
0 residue at 105°C as total	95,9	%	25/07/2006 - 26/07/2006		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984
<b>Metals</b>					
0 arsenic as total and on dry basis at 105°C	11,7 ± 2,9	mg/Kg	26/07/2006 - 26/07/2006	0,013	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 cadmium as total and on dry basis at 105°C	<0,0011	mg/Kg	26/07/2006 - 26/07/2006	0,0011	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium as total and on dry basis at 105°C	5,09 ± 1,3	mg/Kg	26/07/2006 - 26/07/2006	0,011	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 mercury as total and on dry basis at 105°C	<0,01	mg/Kg	26/07/2006 - 26/07/2006	0,01	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 nickel as total and on dry basis at 105°C	3,96 ± 0,99	mg/Kg	26/07/2006 - 26/07/2006	0,027	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 lead as total and on dry basis at 105°C	3,61 ± 0,9	mg/Kg	26/07/2006 - 26/07/2006	0,015	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 copper as total and on dry basis at 105°C	4,21 ± 1,1	mg/Kg	26/07/2006 - 26/07/2006	0,03	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 zinc as total and on dry basis at 105°C	19,5 ± 4,9	mg/Kg	26/07/2006 - 26/07/2006	0,053	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium (VI) as total and on dry basis at 105°C	0,0386 ± 0,012	mg/Kg	26/07/2006 - 26/07/2006	0,0036	EPA 7199 Rev 0 1996 IC EPA 3060A 1996



Compound Name	Amount and MU	UM	Date		MDL	Test Method Technique Prep Method
			Prep	Anal		
# pentaerythrite as total and on dry basis at 105°C	0,0617 ± 0,012	mg/Kg	28/07/2006	- 03/08/2006	0,0042	SXLC001/05 LC/MS SXLC001/05
# melamine as total and on dry basis at 105°C	<0,0053	mg/Kg	31/07/2006	- 02/08/2006	0,0053	SXLC003/04 LC/MS SXLC003/04
# hexametenetetramine as total and on dry basis at 105°C	<0,0021	mg/Kg	31/07/2006	- 02/08/2006	0,0021	SXLC006/05 LC/MS SXLC006/05
0 acetaldehyde as total and on dry basis at 105°C	0,000726 ± 0,00022	mg/Kg	02/08/2006	- 02/08/2006	0,000017	EPA 8315A 1996 LC/DAD EPA 8315A 1996
0 formaldehyde as total and on dry basis at 105°C	0,0017 ± 0,00051	mg/Kg	02/08/2006	- 02/08/2006	0,000064	EPA 8315A 1996 LC/DAD EPA 8315A 1996
<b>HC Compounds</b>						
0 HC >C12 <C40 as total and on dry basis at 105°C	<3,4	mg/Kg	26/07/2006	- 27/07/2006	3,4	EPA 8015D 2003 GC/FID EPA 3550C 2000
0 TPH < C12 as total and on dry basis at 105°C	<0,027	mg/Kg	26/07/2006	- 27/07/2006	0,027	EPA 8015D 2003 GC/MS EPA 5035A 2002
<b>PAHs</b>						
0 - total PAHs as total and on dry basis at 105°C	<0,0017	mg/Kg	-----	- 27/07/2006	0,0017	EPA 8270D 1998 GC/MS
0 benzo[a]anthracene as total and on dry basis at 105°C	<0,0016	mg/Kg	26/07/2006	- 27/07/2006	0,0016	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[a]pyrene as total and on dry basis at 105°C	<0,0011	mg/Kg	26/07/2006	- 27/07/2006	0,0011	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[b]fluoranthene as total and on dry basis at 105°C	<0,0011	mg/Kg	26/07/2006	- 27/07/2006	0,0011	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	<0,0012	mg/Kg	26/07/2006	- 27/07/2006	0,0012	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[k]fluoranthene as total and on dry basis at 105°C	<0,0015	mg/Kg	26/07/2006	- 27/07/2006	0,0015	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 chrysene as total and on dry basis at 105°C	<0,0011	mg/Kg	26/07/2006	- 27/07/2006	0,0011	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	<0,0016	mg/Kg	26/07/2006	- 27/07/2006	0,0016	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	<0,0015	mg/Kg	26/07/2006	- 27/07/2006	0,0015	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	<0,0012	mg/Kg	26/07/2006	- 27/07/2006	0,0012	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,i)pyrene as total and on dry basis at 105°C	<0,0017	mg/Kg	26/07/2006	- 27/07/2006	0,0017	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,l)pyrene as total and on dry basis at 105°C	<0,00099	mg/Kg	26/07/2006	- 27/07/2006	0,00099	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	<0,0012	mg/Kg	26/07/2006	- 27/07/2006	0,0012	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 pyrene as total and on dry basis at 105°C	<0,0015	mg/Kg	26/07/2006	- 27/07/2006	0,0015	EPA 8270D 1998 GC/MS EPA 3550C 2000



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**Test Report End**

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The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

**Technical Manager****Laboratory Manager**  


## TEST REPORT n° 135889/06

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**Customer** ERM ITALIA Srl  
**Address** Via San Gregorio, 38  
20154 Milano  
**Project/Contract** 0051052 - 3F  
**Matrix Type** Soil  
**Date received** 21-lug-06  
**Customer Sample ID** BH 24 (1,0) **Type N**  
**Laboratory Sample ID** 03 / 21038  
**Test Report date of issue** 08-set-06  
**Sampling Date** 20-lug-06  
**Sampling Procedure** Sampling activity carried out by the Customer  
**Notes**

Compound Name	Amount and MU	UM	Date Prep	Date Anal	MDL	Test Method Technique Prep Method
0 fraction sieved 2 mm dry basis at 105°C	84,5	%	26/07/2006	26/07/2006		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1
<b>Residues</b>						
0 residue at 105°C as total	83,2	%	25/07/2006	26/07/2006		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984
<b>Metals</b>						
0 arsenic as total and on dry basis at 105°C	389 ± 97,0	mg/Kg	27/07/2006	27/07/2006	0,47	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 cadmium as total and on dry basis at 105°C	0,256 ± 0,064	mg/Kg	26/07/2006	26/07/2006	0,0041	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium as total and on dry basis at 105°C	32,8 ± 8,2	mg/Kg	26/07/2006	26/07/2006	0,041	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 mercury as total and on dry basis at 105°C	0,266 ± 0,067	mg/Kg	26/07/2006	26/07/2006	0,038	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 nickel as total and on dry basis at 105°C	21,6 ± 5,4	mg/Kg	26/07/2006	26/07/2006	0,099	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 lead as total and on dry basis at 105°C	3070 ± 770,0	mg/Kg	27/07/2006	27/07/2006	0,54	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 copper as total and on dry basis at 105°C	1600 ± 400,0	mg/Kg	26/07/2006	26/07/2006	0,11	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 zinc as total and on dry basis at 105°C	2410 ± 600,0	mg/Kg	27/07/2006	27/07/2006	2	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium (VI) as total and on dry basis at 105°C	0,566 ± 0,17	mg/Kg	26/07/2006	26/07/2006	0,013	EPA 7199 Rev 0 1996 IC EPA 3060A 1996

Compound Name	Amount and MU	UM	Date		MDL	Test Method Technique Prep Method
			Prep	Anal		
# pentaerythrite as total and on dry basis at 105°C	<0,038	mg/Kg	28/07/2006	- 03/08/2006	0,038	SXLC001/05 LC/MS SXLC001/05
# melamine as total and on dry basis at 105°C	0,0668 ± 0,02	mg/Kg	31/07/2006	- 02/08/2006	0,024	SXLC003/04 LC/MS SXLC003/04
# hexametenetetramine as total and on dry basis at 105°C	<0,0096	mg/Kg	31/07/2006	- 02/08/2006	0,0096	SXLC006/05 LC/MS SXLC006/05
0 acetaldehyde as total and on dry basis at 105°C	0,00396 ± 0,0012	mg/Kg	02/08/2006	- 02/08/2006	0,000074	EPA 8315A 1996 LC/DAD EPA 8315A 1996
0 formaldehyde as total and on dry basis at 105°C	0,0135 ± 0,004	mg/Kg	02/08/2006	- 02/08/2006	0,00027	EPA 8315A 1996 LC/DAD EPA 8315A 1996
<b>HC Compounds</b>						
0 HC >C12 <C40 as total and on dry basis at 105°C	<2,5	mg/Kg	26/07/2006	- 27/07/2006	2,5	EPA 8015D 2003 GC/FID EPA 3550C 2000
0 TPH < C12 as total and on dry basis at 105°C	<0,1	mg/Kg	26/07/2006	- 27/07/2006	0,1	EPA 8015D 2003 GC/MS EPA 5035A 2002
<b>PAHs</b>						
0 - total PAHs as total and on dry basis at 105°C	9,56 ± 2,9	mg/Kg	-----	- 26/07/2006	0,006	EPA 8270D 1998 GC/MS
0 benzo[a]anthracene as total and on dry basis at 105°C	0,818 ± 0,25	mg/Kg	26/07/2006	- 26/07/2006	0,0056	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[a]pyrene as total and on dry basis at 105°C	0,898 ± 0,27	mg/Kg	26/07/2006	- 26/07/2006	0,0039	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[b]fluoranthene as total and on dry basis at 105°C	0,955 ± 0,29	mg/Kg	26/07/2006	- 26/07/2006	0,0037	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	0,813 ± 0,24	mg/Kg	26/07/2006	- 26/07/2006	0,0043	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[k]fluoranthene as total and on dry basis at 105°C	0,533 ± 0,16	mg/Kg	26/07/2006	- 26/07/2006	0,0052	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 chrysene as total and on dry basis at 105°C	0,761 ± 0,23	mg/Kg	26/07/2006	- 26/07/2006	0,0037	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	1,25 ± 0,37	mg/Kg	26/07/2006	- 26/07/2006	0,0056	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	0,212 ± 0,063	mg/Kg	26/07/2006	- 26/07/2006	0,0051	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	1,17 ± 0,35	mg/Kg	26/07/2006	- 26/07/2006	0,0041	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,i)pyrene as total and on dry basis at 105°C	0,0638 ± 0,019	mg/Kg	26/07/2006	- 26/07/2006	0,006	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,l)pyrene as total and on dry basis at 105°C	0,285 ± 0,085	mg/Kg	26/07/2006	- 26/07/2006	0,0034	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	0,834 ± 0,25	mg/Kg	26/07/2006	- 26/07/2006	0,004	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 pyrene as total and on dry basis at 105°C	0,964 ± 0,29	mg/Kg	26/07/2006	- 26/07/2006	0,0052	EPA 8270D 1998 GC/MS EPA 3550C 2000

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**Test Report End**

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the competence of the personnel, the availability of suitable instrumentation, and the compliance of the test to the recalled Test Method or Procedure.

"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

**Technical Manager****Laboratory Manager**  


## TEST REPORT n° 135894/06

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**Customer** ERM ITALIA Srl  
**Address** Via San Gregorio, 38  
20154 Milano  
**Project/Contract** 0051052 - 3F  
**Matrix Type** Soil  
**Date received** 21-lug-06  
**Customer Sample ID** BH 26 (1,0) **Type N**  
**Laboratory Sample ID** 08 / 21038  
**Test Report date of issue** 08-set-06  
**Sampling Date** 19-lug-06  
**Sampling Procedure** Sampling activity carried out by the Customer  
**Notes**

Compound Name	Amount and MU	UM	Date Prep	Date Anal	MDL	Test Method Technique Prep Method
0 fraction sieved 2 mm dry basis at 105°C	55,9	%	26/07/2006	26/07/2006		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1
<b>Residues</b>						
0 residue at 105°C as total	93	%	25/07/2006	26/07/2006		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984
<b>Metals</b>						
0 arsenic as total and on dry basis at 105°C	15,2 ± 3,8	mg/Kg	26/07/2006	27/07/2006	0,03	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 cadmium as total and on dry basis at 105°C	<0,0027	mg/Kg	26/07/2006	27/07/2006	0,0027	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium as total and on dry basis at 105°C	22,6 ± 5,6	mg/Kg	26/07/2006	27/07/2006	0,027	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 mercury as total and on dry basis at 105°C	<0,025	mg/Kg	26/07/2006	27/07/2006	0,025	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 nickel as total and on dry basis at 105°C	13,3 ± 3,3	mg/Kg	26/07/2006	27/07/2006	0,064	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 lead as total and on dry basis at 105°C	14,6 ± 3,6	mg/Kg	26/07/2006	27/07/2006	0,035	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 copper as total and on dry basis at 105°C	21,3 ± 5,3	mg/Kg	26/07/2006	27/07/2006	0,071	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 zinc as total and on dry basis at 105°C	59 ± 15,0	mg/Kg	26/07/2006	27/07/2006	0,13	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium (VI) as total and on dry basis at 105°C	0,139 ± 0,042	mg/Kg	26/07/2006	26/07/2006	0,0088	EPA 7199 Rev 0 1996 IC EPA 3060A 1996

Compound Name	Amount and MU	UM	Date		MDL	Test Method Technique Prep Method
			Prep	Anal		
# pentaerythrite as total and on dry basis at 105°C	<0,022	mg/Kg	28/07/2006	- 03/08/2006	0,022	SXLC001/05 LC/MS SXLC001/05
# melamine as total and on dry basis at 105°C	<0,014	mg/Kg	31/07/2006	- 02/08/2006	0,014	SXLC003/04 LC/MS SXLC003/04
# hexametenetetramine as total and on dry basis at 105°C	<0,0055	mg/Kg	31/07/2006	- 02/08/2006	0,0055	SXLC006/05 LC/MS SXLC006/05
0 acetaldehyde as total and on dry basis at 105°C	0,00141 ± 0,00042	mg/Kg	02/08/2006	- 02/08/2006	0,000045	EPA 8315A 1996 LC/DAD EPA 8315A 1996
0 formaldehyde as total and on dry basis at 105°C	0,00391 ± 0,0012	mg/Kg	02/08/2006	- 02/08/2006	0,00017	EPA 8315A 1996 LC/DAD EPA 8315A 1996
<b>HC Compounds</b>						
0 HC >C12 <C40 as total and on dry basis at 105°C	<2,5	mg/Kg	26/07/2006	- 28/07/2006	2,5	EPA 8015D 2003 GC/FID EPA 3550C 2000
0 TPH < C12 as total and on dry basis at 105°C	<0,05	mg/Kg	26/07/2006	- 27/07/2006	0,05	EPA 8015D 2003 GC/MS EPA 5035A 2002
<b>PAHs</b>						
0 - total PAHs as total and on dry basis at 105°C	<0,0049	mg/Kg	-----	- 27/07/2006	0,0049	EPA 8270D 1998 GC/MS
0 benzo[a]anthracene as total and on dry basis at 105°C	<0,0046	mg/Kg	26/07/2006	- 27/07/2006	0,0046	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[a]pyrene as total and on dry basis at 105°C	<0,0032	mg/Kg	26/07/2006	- 27/07/2006	0,0032	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[b]fluoranthene as total and on dry basis at 105°C	<0,003	mg/Kg	26/07/2006	- 27/07/2006	0,003	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	<0,0035	mg/Kg	26/07/2006	- 27/07/2006	0,0035	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[k]fluoranthene as total and on dry basis at 105°C	<0,0042	mg/Kg	26/07/2006	- 27/07/2006	0,0042	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 chrysene as total and on dry basis at 105°C	<0,003	mg/Kg	26/07/2006	- 27/07/2006	0,003	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	<0,0045	mg/Kg	26/07/2006	- 27/07/2006	0,0045	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	<0,0042	mg/Kg	26/07/2006	- 27/07/2006	0,0042	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	<0,0033	mg/Kg	26/07/2006	- 27/07/2006	0,0033	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,i)pyrene as total and on dry basis at 105°C	<0,0049	mg/Kg	26/07/2006	- 27/07/2006	0,0049	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,l)pyrene as total and on dry basis at 105°C	<0,0028	mg/Kg	26/07/2006	- 27/07/2006	0,0028	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	<0,0033	mg/Kg	26/07/2006	- 27/07/2006	0,0033	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 pyrene as total and on dry basis at 105°C	<0,0042	mg/Kg	26/07/2006	- 27/07/2006	0,0042	EPA 8270D 1998 GC/MS EPA 3550C 2000

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**Test Report End**

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"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

**Technical Manager****Laboratory Manager**  




## TEST REPORT n° 135895/06

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**Customer** ERM ITALIA Srl  
**Address** Via San Gregorio, 38  
 20154 Milano  
**Project/Contract** 0051052 - 3F  
**Matrix Type** Soil  
**Date received** 21-lug-06  
**Customer Sample ID** MW4 (1,0) **Type N**  
**Laboratory Sample ID** 09 / 21038  
**Test Report date of issue** 08-set-06  
**Sampling Date** 19-lug-06  
**Sampling Procedure** Sampling activity carried out by the Customer  
**Notes**

Compound Name	Amount and MU	UM	Date Prep	Date Anal	MDL	Test Method Technique Prep Method
0 fraction sieved 2 mm dry basis at 105°C	67,9	%	26/07/2006	26/07/2006		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1
<b>Residues</b>						
0 residue at 105°C as total	90,2	%	25/07/2006	26/07/2006		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984
<b>Metals</b>						
0 arsenic as total and on dry basis at 105°C	64,8 ± 16,0	mg/Kg	26/07/2006	27/07/2006	0,039	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 cadmium as total and on dry basis at 105°C	<0,0034	mg/Kg	26/07/2006	27/07/2006	0,0034	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium as total and on dry basis at 105°C	29 ± 7,2	mg/Kg	26/07/2006	27/07/2006	0,034	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 mercury as total and on dry basis at 105°C	0,067 ± 0,017	mg/Kg	26/07/2006	27/07/2006	0,031	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 nickel as total and on dry basis at 105°C	12,9 ± 3,2	mg/Kg	26/07/2006	27/07/2006	0,082	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 lead as total and on dry basis at 105°C	29,6 ± 7,4	mg/Kg	26/07/2006	27/07/2006	0,045	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 copper as total and on dry basis at 105°C	171 ± 43,0	mg/Kg	26/07/2006	27/07/2006	0,09	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 zinc as total and on dry basis at 105°C	77,2 ± 19,0	mg/Kg	26/07/2006	27/07/2006	0,16	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium (VI) as total and on dry basis at 105°C	0,255 ± 0,076	mg/Kg	26/07/2006	26/07/2006	0,011	EPA 7199 Rev 0 1996 IC EPA 3060A 1996

Compound Name	Amount and MU	UM	Date		MDL	Test Method Technique Prep Method
			Prep	Anal		
# pentaerythrite as total and on dry basis at 105°C	<0,028	mg/Kg	28/07/2006	- 03/08/2006	0,028	SXLC001/05 LC/MS SXLC001/05
# melamine as total and on dry basis at 105°C	0,0217 ± 0,0065	mg/Kg	31/07/2006	- 02/08/2006	0,017	SXLC003/04 LC/MS SXLC003/04
# hexametenetetramine as total and on dry basis at 105°C	<0,0069	mg/Kg	31/07/2006	- 02/08/2006	0,0069	SXLC006/05 LC/MS SXLC006/05
0 acetaldehyde as total and on dry basis at 105°C	0,00199 ± 0,0006	mg/Kg	02/08/2006	- 02/08/2006	0,000057	EPA 8315A 1996 LC/DAD EPA 8315A 1996
0 formaldehyde as total and on dry basis at 105°C	0,00424 ± 0,0013	mg/Kg	02/08/2006	- 02/08/2006	0,00021	EPA 8315A 1996 LC/DAD EPA 8315A 1996
<b>HC Compounds</b>						
0 HC >C12 <C40 as total and on dry basis at 105°C	<2,9	mg/Kg	26/07/2006	- 28/07/2006	2,9	EPA 8015D 2003 GC/FID EPA 3550C 2000
0 TPH < C12 as total and on dry basis at 105°C	<0,074	mg/Kg	26/07/2006	- 27/07/2006	0,074	EPA 8015D 2003 GC/MS EPA 5035A 2002
<b>PAHs</b>						
0 - total PAHs as total and on dry basis at 105°C	1,39 ± 0,42	mg/Kg	-----	- 27/07/2006	0,0059	EPA 8270D 1998 GC/MS
0 benzo[a]anthracene as total and on dry basis at 105°C	0,0545 ± 0,016	mg/Kg	26/07/2006	- 27/07/2006	0,0056	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[a]pyrene as total and on dry basis at 105°C	0,0906 ± 0,027	mg/Kg	26/07/2006	- 27/07/2006	0,0038	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[b]fluoranthene as total and on dry basis at 105°C	0,0519 ± 0,016	mg/Kg	26/07/2006	- 27/07/2006	0,0036	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	0,107 ± 0,032	mg/Kg	26/07/2006	- 27/07/2006	0,0042	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[k]fluoranthene as total and on dry basis at 105°C	0,0413 ± 0,012	mg/Kg	26/07/2006	- 27/07/2006	0,0051	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 chrysene as total and on dry basis at 105°C	0,0484 ± 0,015	mg/Kg	26/07/2006	- 27/07/2006	0,0036	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	0,266 ± 0,08	mg/Kg	26/07/2006	- 27/07/2006	0,0055	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	0,026 ± 0,0078	mg/Kg	26/07/2006	- 27/07/2006	0,0051	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	0,208 ± 0,062	mg/Kg	26/07/2006	- 27/07/2006	0,004	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,i)pyrene as total and on dry basis at 105°C	0,145 ± 0,044	mg/Kg	26/07/2006	- 27/07/2006	0,0059	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,l)pyrene as total and on dry basis at 105°C	0,201 ± 0,06	mg/Kg	26/07/2006	- 27/07/2006	0,0033	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	0,0944 ± 0,028	mg/Kg	26/07/2006	- 27/07/2006	0,004	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 pyrene as total and on dry basis at 105°C	0,0513 ± 0,015	mg/Kg	26/07/2006	- 27/07/2006	0,0051	EPA 8270D 1998 GC/MS EPA 3550C 2000

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**Test Report End**

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"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

**Technical Manager****Laboratory Manager**  


# TEST REPORT n° 135896/06

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**Customer** ERM ITALIA Srl  
**Address** Via San Gregorio, 38  
20154 Milano  
**Project/Contract** 0051052 - 3F  
**Matrix Type** Soil  
**Date received** 21-lug-06  
**Customer Sample ID** BH 23 (1,0) **Type N**  
**Laboratory Sample ID** 10 / 21038  
**Test Report date of issue** 08-set-06  
**Sampling Date** 20-lug-06  
**Sampling Procedure** Sampling activity carried out by the Customer  
**Notes**

Compound Name	Amount and MU	UM	Date Prep Anal	MDL	Test Method Technique Prep Method
0 fraction sieved 2 mm dry basis at 105°C	26,9	%	26/07/2006 - 26/07/2006		D.M. 13/09/99 GU n° 248 Metodo II.1 Gravimetry D.M. 13/09/99 GU n° 248 Metodo II.1
<b>Residues</b>					
0 residue at 105°C as total	96,1	%	25/07/2006 - 26/07/2006		CNR IRSA 2 Q 64 Vol 2 1984 Gravimetry CNR IRSA 2 Q 64 Vol 2 1984
<b>Metals</b>					
0 arsenic as total and on dry basis at 105°C	8,59 ± 2,1	mg/Kg	26/07/2006 - 27/07/2006	0,015	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 cadmium as total and on dry basis at 105°C	<0,0013	mg/Kg	26/07/2006 - 27/07/2006	0,0013	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium as total and on dry basis at 105°C	7,64 ± 1,9	mg/Kg	26/07/2006 - 27/07/2006	0,013	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 mercury as total and on dry basis at 105°C	0,0414 ± 0,01	mg/Kg	26/07/2006 - 27/07/2006	0,012	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 nickel as total and on dry basis at 105°C	6,01 ± 1,5	mg/Kg	26/07/2006 - 27/07/2006	0,031	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 lead as total and on dry basis at 105°C	5,75 ± 1,4	mg/Kg	26/07/2006 - 27/07/2006	0,017	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 copper as total and on dry basis at 105°C	7,89 ± 2,0	mg/Kg	26/07/2006 - 27/07/2006	0,034	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 zinc as total and on dry basis at 105°C	28,3 ± 7,1	mg/Kg	26/07/2006 - 27/07/2006	0,061	EPA 6020A 1998 ICP-MS EPA 3051A 1998
0 chromium (VI) as total and on dry basis at 105°C	0,0555 ± 0,017	mg/Kg	26/07/2006 - 26/07/2006	0,0046	EPA 7199 Rev 0 1996 IC EPA 3060A 1996

Compound Name	Amount and MU	UM	Date		MDL	Test Method Technique Prep Method
			Prep	Anal		
# pentaerythrite as total and on dry basis at 105°C	<0,01	mg/Kg	28/07/2006	- 03/08/2006	0,01	SXLC001/05 LC/MS SXLC001/05
# melamine as total and on dry basis at 105°C	<0,0064	mg/Kg	31/07/2006	- 02/08/2006	0,0064	SXLC003/04 LC/MS SXLC003/04
# hexametenetetramine as total and on dry basis at 105°C	<0,0026	mg/Kg	31/07/2006	- 02/08/2006	0,0026	SXLC006/05 LC/MS SXLC006/05
0 acetaldehyde as total and on dry basis at 105°C	0,000786 ± 0,00024	mg/Kg	02/08/2006	- 02/08/2006	0,000023	EPA 8315A 1996 LC/DAD EPA 8315A 1996
0 formaldehyde as total and on dry basis at 105°C	0,00175 ± 0,00052	mg/Kg	02/08/2006	- 02/08/2006	0,000083	EPA 8315A 1996 LC/DAD EPA 8315A 1996
<b>HC Compounds</b>						
0 HC >C12 <C40 as total and on dry basis at 105°C	1860 ± 560,0	mg/Kg	26/07/2006	- 28/07/2006	2,4	EPA 8015D 2003 GC/FID EPA 3550C 2000
0 TPH < C12 as total and on dry basis at 105°C	<0,028	mg/Kg	26/07/2006	- 27/07/2006	0,028	EPA 8015D 2003 GC/MS EPA 5035A 2002
<b>PAHs</b>						
0 - total PAHs as total and on dry basis at 105°C	<0,002	mg/Kg	-----	- 27/07/2006	0,002	EPA 8270D 1998 GC/MS
0 benzo[a]anthracene as total and on dry basis at 105°C	<0,0019	mg/Kg	26/07/2006	- 27/07/2006	0,0019	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[a]pyrene as total and on dry basis at 105°C	<0,0013	mg/Kg	26/07/2006	- 27/07/2006	0,0013	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[b]fluoranthene as total and on dry basis at 105°C	<0,0012	mg/Kg	26/07/2006	- 27/07/2006	0,0012	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[g,h,i]perylene as total and on dry basis at 105°C	<0,0014	mg/Kg	26/07/2006	- 27/07/2006	0,0014	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 benzo[k]fluoranthene as total and on dry basis at 105°C	<0,0017	mg/Kg	26/07/2006	- 27/07/2006	0,0017	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 chrysene as total and on dry basis at 105°C	<0,0012	mg/Kg	26/07/2006	- 27/07/2006	0,0012	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,e]pyrene as total and on dry basis at 105°C	<0,0018	mg/Kg	26/07/2006	- 27/07/2006	0,0018	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]anthracene as total and on dry basis at 105°C	<0,0017	mg/Kg	26/07/2006	- 27/07/2006	0,0017	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo[a,h]pyrene as total and on dry basis at 105°C	<0,0013	mg/Kg	26/07/2006	- 27/07/2006	0,0013	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,i)pyrene as total and on dry basis at 105°C	<0,002	mg/Kg	26/07/2006	- 27/07/2006	0,002	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 dibenzo(a,l)pyrene as total and on dry basis at 105°C	<0,0011	mg/Kg	26/07/2006	- 27/07/2006	0,0011	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 indeno[1,2,3-cd]pyrene as total and on dry basis at 105°C	<0,0013	mg/Kg	26/07/2006	- 27/07/2006	0,0013	EPA 8270D 1998 GC/MS EPA 3550C 2000
0 pyrene as total and on dry basis at 105°C	<0,0017	mg/Kg	26/07/2006	- 27/07/2006	0,0017	EPA 8270D 1998 GC/MS EPA 3550C 2000

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**Test Report End**

Parameters flagged with # have been carried out using test methods which are not included in the accredited tests list submitted to the Italian Accreditation Body SINAL. Accredited parameters are flagged with a number designating the category for which they have been accredited for by the Italian Accreditation Body SINAL.

For the accredited test, run in compliance with the modality described in the Accreditation itself, SINAL guarantees:

the competence of the personnel, the availability of suitable instrumentation, and the compliance of the test to the recalled Test Method or Procedure.

"MDL" values indicate, if applicable, the Method Detection Limit (amended by all applicable correction coefficients) for each tested parameter according to the recalled Test Method or Procedure.

The reported Measurement Uncertainty is an Expanded calculated using a coverage factor of 2 with 95% confidence level.

**Technical Manager****Laboratory Manager**  
